

# Proposed FY05 Budget: Stormwater Management

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## Storm Water Management

**Program Cost: \$234,437**

**MISSION:** The City will provide stormwater management for all publically owned property, including City rights-of-way, waterways and green spaces.

**PROGRAM DESCRIPTION:** The Department of Public Works is responsible for maintenance and repair of a network of storm drainage facilities located in the City right of way for the disposal of storm and surface water runoff in compliance with State and Federal Standards. This includes maintenance and repair of storm drains, catch basins, channels, and ditches located within City owned property and public easements.

### **CLIENT BENEFITS/IMPACTS**

### **INDICATORS**

Minimize chance of storm damage to public/private property

# of ponding/icing conditions from standing water  
# of occurrences of flooding conditions

Reasonable stormwater utility fee

\$28.68/single family resident or \$28.68/1226 sq. ft. of impervious surface

### **WORK PROCESS OUTPUTS**

### **INDICATORS**

	FY03	FY04	FY05
I. Storm drain system maintained:			
Cleaning & TV inspection (Sub-basin)	B & D	C	A
# of catch basins repaired/replaced	7	4	5
# of catch basins cleaned	233	255	310
# of linear feet of pipe cleaned	10,500	13,500	10,175
# of linear feet of pipe replaced/new	150	130	100
# of emergency calls for cleaning	2	5	5
II. # of Storm Water Permits/ Waivers/Exemptions:	5	4	5

### **STRATEGIC OUTCOMES**

Strategic outcomes include the protection of the public health, the environment and public and private property. Indicators that we are achieving these strategic outcomes include:

# of incidences use of recreational facilities are limited due to storm water  
# of citations from EPA and/or MDE for storm water violations

The City is covered through the State of Maryland NPDES Phase II permit to meet the minimum standards for stormwater management associated with EPA's Clean Water Act. In addition, the City is planning to work in conjunction with Friends of Sligo Creek, Maryland Department of Environment, Montgomery County Section of Maryland National Capital Parks and Planning Commission, and Montgomery County Watershed Protection Branch to clean up Long Branch and Sligo Creek.

### **REVENUES**

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A revenue base of \$28.68/1226 sq. ft. of impervious surface (as the average residential unit) has been set and adopted by the Storm Water Board. The City Manager has recommended that the stormwater fee remain at \$28.68 per residential unit. The FY05 revenue estimates for the storm water budget are \$234,437. A total of \$200,000 is generated from the storm water utility fees along with an estimated \$22,000 from permit fees. Stormwater late fees and interest earned are estimated to yield \$2,100. The balance is projected carry-over surplus from FY04.

## **EXPENDITURES**

Included in the Stormwater is an allocation of \$49,054 which will serve as the first annual payment for a stormwater loan in the amount of \$400,000. The loan will be taken out for a nine year period, and the proceeds of the loan will be used to help pay for the stormwater work being done in conjunction with the new community center.

Cleaning and TV inspection efforts will be focused on Sub-basin A. The \$70,000 capital allocation will be spent as follows:

Installation of a drain system on/for Cleveland Avenue (was placed on hold pending SHA approval), improvement to the Davis Avenue, City Building, and Elm Avenue drainage problems (depending on funding) and repair of failed systems through out the City.

### **Storm Drain Inventory**

Sub-basin A	10,175 linear feet of pipe, 310 catch basins
Sub-basin B	8,000 linear feet of pipe, 180 catch basins
Sub-basin C	13,500 linear feet of pipe, 255 catch basins
Sub-basin D	2,500 linear feet of pipe, 53 catch basins
<b>Total</b>	<b>34,175 linear feet of pipe, 788 catch basins</b>

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## Stormwater Management Revenue

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Account	Title	FY03 Budget	FY04 Budget	FY04 Estimated Actual	FY05 Projected
3040	Storm Water Manag Pen. & Interest	100	100	100	100
<b>Total</b>	<b>Taxes Local</b>	<b>\$100.00</b>	<b>\$100.00</b>	<b>\$100.00</b>	<b>\$100.00</b>
3480	Storm Water Manag Stormwater Permi	2,364	2,200	2,000	2,000
3481	Storm Water Manag Stormwater Utilitie	180,000	200,000	200,000	200,000
3483	Storm Water Manag Stormwater- Spec	15,000	15,000	20,000	20,000
<b>Total</b>	<b>Service Charge</b>	<b>\$197,364.00</b>	<b>\$217,200.00</b>	<b>\$222,000.00</b>	<b>\$222,000.00</b>
3610	Storm Water Manag Interest & Dividen	2,200	2,200	2,000	2,000
<b>Total</b>	<b>Miscellaneous</b>	<b>\$2,200.00</b>	<b>\$2,200.00</b>	<b>\$2,000.00</b>	<b>\$2,000.00</b>
3660	Storm Water Manag Appropriated Surp	0	200,000	200,000	10,337
<b>Total</b>	<b>Appropriated Surplus</b>	<b>\$0.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$10,337.00</b>
<b>Total</b>	<b>Report</b>	<b>\$199,664.00</b>	<b>\$419,500.00</b>	<b>\$424,100.00</b>	<b>\$234,437.00</b>

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## Stormwater Management Expenditures

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Account	Title	FY03 Budget	FY04 Budget	FY04 Estimated Actual	FY05 Projected
4010	Storm Water Manag Salaries	43,081	44,445	7,958	36,504
4020	Storm Water Manag Fringe Benefits	16,036	17,038	3,834	6,912
<b>Total</b>	<b>Personal service</b>	<b>\$59,117.00</b>	<b>\$61,483.00</b>	<b>\$11,792.00</b>	<b>\$43,416.00</b>
5100	Storm Water Manag Office Supplies	3,000	3,000	600	3,000
<b>Total</b>	<b>Supplies</b>	<b>\$3,000.00</b>	<b>\$3,000.00</b>	<b>\$600.00</b>	<b>\$3,000.00</b>
6105	Storm Water Manag Engineering Service	3,800	12,000	5,000	6,000
6145	Storm Water Manag Sub-Contract Work	75,747	65,000	65,000	60,967
<b>Total</b>	<b>Professional Service</b>	<b>\$79,547.00</b>	<b>\$77,000.00</b>	<b>\$70,000.00</b>	<b>\$66,967.00</b>
6510	Storm Water Manag Bank Charges	2,000	2,000	2,000	2,000
<b>Total</b>	<b>Printing/Binding/Copying</b>	<b>\$2,000.00</b>	<b>\$2,000.00</b>	<b>\$2,000.00</b>	<b>\$2,000.00</b>
7256	Storm Water Manag Medco-Principal	129,140	0	0	0
7257	Storm Water Manag Street Sweeper	15,000	0	0	0
7260	Storm Water Manag Project-Community Ctr	0	0	0	49,054
<b>Total</b>	<b>Debt Financing</b>	<b>\$144,140.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$49,054.00</b>
<b>Total</b>	<b>Miscellaneous</b>	<b>\$144,140.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$49,054.00</b>
8001	Storm Water Manag Capital Expenditure	41,000	76,017	76,017	70,000
<b>Total</b>	<b>Capital Equipment Expenditure</b>	<b>\$41,000.00</b>	<b>\$76,017.00</b>	<b>\$76,017.00</b>	<b>\$70,000.00</b>
8400	Storm Water Manag Stormwater Transfer	0	200,000	200,000	0
<b>Total</b>	<b>Storm Water Transfer</b>	<b>\$0.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$0.00</b>
<b>Total</b>	<b>Report</b>	<b>\$328,804.00</b>	<b>\$419,500.00</b>	<b>\$360,409.00</b>	<b>\$234,437.00</b>